Patent Database Search Results: SPEC/query AND SPEC/path ... Page 1 of 2

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Results of Search in US Patent Collection db for: (((SPEC/query AND SPEC/path) AND SPEC/"bounding box") AND SPEC/"moving object"): 22 patents. Hits 1 through 22 out of 22

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Refine Search SPEC/query AND SPEC/path AND SPEC/"hounding!

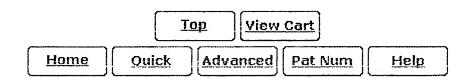
PAT. Title NO.

- 1 7,117,199 Spatially coding and displaying information
- 2 7,068,288 System and method for moving graphical objects on a computer controlled system
- 3 7,016,781 Method and system for querying in a moving object-database
- 4 6,968,271 Method and system for querying in a moving object database
- 5 6,965,827 Method and system for tracking moving objects
- 6 6,925,473 Staged stylization in multiple tiers
- 7 6,895,329 Method and system for querying in a moving object database
- 8 6,809,738 E Performing memory management operations to provide displays of complex virtual environments
- 9 6,801,850 Method and system for tracking moving objects
- 10 6,791,549 Systems and methods for simulating frames of complex virtual environments
- 11 6,424,370 Motion based event detection system and method

http://patft.uspto.gov/netacgi/nph-Parser?Sect1=PTO2&Sect2=... 10/22/2006 12,6,295,367 System and method for tracking movement of objects in a scene using correspondence graphs

: i

- 13 6,263,088 F System and method for tracking movement of objects in a scene
- 14 6,236,736 Method and apparatus for detecting movement patterns at a self-service checkout terminal
- 15 6,185,314 System and method for matching image information to object model information
- 16 6,058,397 **3** D virtual environment creation management and delivery system
- 17 6,054,991 Method of modeling player position and movement in a virtual reality system
- 18 5,969,755 Motion based event detection system and method
- 19 5,850,352 Immersive video, including video hypermosaicing to generate from multiple video views of a scene a three-dimensional video mosaic from which diverse virtual video scene images are synthesized, including panoramic, scene interactive and stereoscopic images
- 20 5,745,126 Machine synthesis of a virtual video camera/image of a scene from multiple video cameras/images of the scene in accordance with a particular perspective on the scene, an object in the scene, or an event in the scene
- 21 5,729,471 Machine dynamic selection of one video camera/image of a scene from multiple video cameras/images of the scene in accordance with a particular perspective on the scene, an object in the scene, or an event in the scene
- 22 5,572,634 T Method and apparatus for spatial simulation acceleration



United States Patent Wolfson

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6,968,271 November 22, 2005

Page 1 of 1

Method and system for querying in a moving object database

Abstract

A database receives location information about a moving object. Using the destination of the object and an electronic map, the database finds a projected path for the moving object. From the projected path, the database computes a trajectory. The trajectory may be used to estimate past and future positions of the moving object. The moving object may send location updates to the database when its actual location differs from its anticipated location by more than an uncertainty threshold.

Inventors: Wolfson; Ouri (Highland Park, IL)

Assignee: Board of Trustees of the University of Illinois (Chicago, IL)

Appl. No.: 11/038,741

Filed: January 20, 2005

Related U.S. Patent Documents

Application Number	Filing Date	Patent Number	Issue Date
074903	Oct., 2001	6895329	

Current U.S. Class: **701/209**; 340/988; 340/995.23; 701/201;

701/205; 701/210

701/209_201_205_210_202_204_211 Field of Search:

340/988,990,995.23,991,992,993,995

707/3,4,5

United States Patent: 6295367 Page 1 of 1

United States Patent Crabtree, et al.

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6,295,367 September 25, 2001

System and method for tracking movement of objects in a scene using correspondence graphs

Abstract

A system and method for tracking movement of objects in a scene from a stream of video frames using first and second correspondence graph. A first correspondence graph, called an object correspondence graph, is formed comprising a plurality of nodes representing region clusterss in the scene which are hypotheses of objects to be tracked, and a plurality of tracks. Each track comprises an ordered sequence of nodes in consecutive video frames that represents a track segment of an object through the scene. A second correspondence graph, called a track correspondence graph, is created, comprising a plurality of nodes, each node corresponding to at least one track in the first correspondence graph. A track comprising an ordered sequence of nodes in the second correspondence graph represents the path of an object through the scene. Tracking information for objects, such as persons, in the scene, is accumulated based on the first correspondence graph and second correspondence graph.

Inventors: Crabtree; Ralph N. (Atlanta, GA), Moed; Michael C. (Roswell,

GA), Khosravi; Mehdi (Roswell, GA)

Assignee: Emtera Corporation (Marietta, GA)

Appi. No.: 09/019,595

Filed: February 6, 1998

Current U.S. Class:

382/103

Field of Search:

382/103,228,224,104,199,160,107 348/169,172,148 United States Patent: 7068288 Page 1 of 1

United States Patent Good, et al.

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7,068,288 June 27, 2006

System and method for moving graphical objects on a computer controlled system

Abstract

A user interface method and system for positioning graphical objects in the display area of a free form system. A selected object may operate in a first state where it can be moved to different positions within the display area. The selected object may further operate in a second state where movement of the selected object causes other graphical objects within its path of movement to also move. The state of the selected object is indicated by a visually distinct presentation of the graphical object, for example when in the first state the graphical object is shown to have shadow to provide the visual clue that it is "above" the other graphical objects in the display area. A user may dynamically switch between states based on signals provided to the system.

Inventors: Good; Lance E. (Cupertino, CA), Stefik: Mark I (Portola

Valley, CA), Baudisch; Patrick (Seattle, WA), Mackinlay; Jock

D. (Palo Alto, CA), Zellweger; Folle T. (Palo Alto, CA)

Assignee: Xerox Corporation (Stamford, CT)

Appl. No.: 10/371,263

Filed: February 21, 2003

Current U.S. Class:

345/619; 345/629

Current International Class:

G06G 5/00 (20060101)

ficiu vi Scarch:

345/619,427,604,708,441,564,214,55,629

707/5,6

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- 2. Database, Rates, & Command Descriptions
- 3. Help in Choosing Databases for Your Topic
- 4. Customer Services (telephone assistance, training, sem
- 5. Product Descriptions

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- \$0.02 Estimated total session cost 0.189 DialUnits

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